

DECLARATION FOR PATENT APPLICATION

English Language Declaration

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ELECTROPLATED CoWP COMPOSITE STRUCTURES AS COPPER BARRIER LAYERS

the specification of which

☒ is attached hereto.

☐ was filed on , as United States Patent Application Serial No. or PCT International Application Number , and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 CFR § 1.56(a).

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate listed below, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

				Priority Claimed	
(Application No.)	(Country)	(Day/Month/Year Filed)	YES	NO	
(Application No.)	(Country)	(Day/Month/Year Filed)	YES	NO	
			<input type="checkbox"/>	<input type="checkbox"/>	
(Application No.)	(Country)	(Day/Month/Year Filed)	YES	NO	

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

(Application Serial No.)

(Filing Date)

(Application Serial No.)

(Filing Date)

(Application Serial No.)

(Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by 35 U.S.C. § 112, first paragraph, I acknowledge the duty to disclose material information as defined in 37 CFR § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)

(U.S. Filing Date)

(Status)
(patented, pending, abandoned)

(Application Serial No.)

(U.S. Filing Date)

(Status)
(patented, pending, abandoned)

(Application Serial No.)

(U.S. Filing Date)

(Status)
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued t

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: *(list name and registraton number)*

Manny W. Schechter, Reg. No. 31,722; Kevin M. Jordan, Reg. No. 40,277, Christopher A. Hughes, Reg. No. 26,914, John E. Hoel, Reg. No. 26,279; Joseph C. Redmond, Jr., Reg. No. 18,753; Douglas W. Cameron, Reg. No. 31,596; Wan Yee Cheung, Reg. No. 42,410; Thu Ann Dang, Reg. No. 41,544; Timothy M. Farrell, Reg. No. 37,321; Louis P. Herzberg, Reg. No. 41,500; Derek S. Jennings, Reg. No. 41,473; Stephen C. Kaufman, Reg. No. 29,551; Richard M. Ludwin, Reg. No. 33,010; Daniel P. Morris, Reg. No. 32,053; Alison D. Mortinger, Reg. No. 39,306; Louis J. Percello, Reg. No. 33,206, Robert M. Trepp, Reg. No. 25,933 and Gail H. Zarick, Reg. No. 43,303, all of INTERNATIONAL BUSINESS MACHINES CORPORATION.

Send Correspondence to:

**Customer No. 030678
(Connolly Bove Lodge & Hutz
P.O. Box 19088
Washington, D.C. 20036-3425 U.S.A.)**

and Direct Telephone Calls to:

**Burton A. Amernick, Reg. No. 24,852
202-331-7111**

Full name of sole or first inventor Cyril Cabral Jr.

Inventor's Signature Cyril Cabral Jr. Date 11/6/03
Residence Address 4 Sherman Place, Ossining, NY 10562
Citizenship USA
Post Office Address Same as above

Full name of second joint inventor (if any) Stefanie R. Chiras

Inventor's Signature Stefanie R. Chiras Date 11/7/03
Residence Address 329 Smith Street, Peekskill, NY 10566
Citizenship USA
Post Office Address Same as above

Full name of third joint inventor (if any) Emanuel I. Cooper

Inventor's Signature Emanuel I. Cooper Date 11/7/03
Residence Address 25 Atherstone Road, Scarsdale, NY 10583
Citizenship USA
Post Office Address Same as above

Full name of fourth joint inventor (if any) Hariklia Deligianni

Inventor's Signature Hariklia Deligianni Date 11/7/03
Residence Address 6 Lancaster Road, Tenafly, NJ 07670
Citizenship USA
Post Office Address Same as above

Full name of fifth joint inventor (if any) Andrew J. Kellock

Inventor's Signature _____ Date _____
Residence Address 1088 Rembrandt Dr., Sunnyvale CA 94087
Citizenship Australia
Post Office Address Same as above

Full name of sixth joint inventor (if any) Judith M. Rubino

Inventor's Signature Judith M. Rubino Date Nov. 7, 2003
Residence Address 11 Waterview Drive, Ossining, NY 10562
Citizenship USA
Post Office Address Same as above

Full name of seventh joint inventor (if any) Roger Y. Tsai

Inventor's Signature

Residence Address

Citizenship

Post Office Address

Roger Y. Tsai Date 11/07/2003
2773 Evergreen Street, Yorktown Heights, NY 10598

USA

Same as above

Full name of eighth joint inventor (if any)

Inventor's Signature

Residence Address

Citizenship

Post Office Address

Date

Same as above

Full name of ninth joint inventor (if any)

Inventor's Signature

Residence Address

Citizenship

Post Office Address

Date

Same as above

Full name of tenth joint inventor (if any)

Inventor's Signature

Residence Address

Citizenship

Post Office Address

Date

Same as above

Full name of eleventh joint inventor (if any)

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(U.S. Filing Date)

(Status)
(patented, pending, abandoned)

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Inventor's Signature _____ Date _____
Residence Address 329 Smith Street, Peekskill, NY 10566
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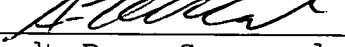
Full name of third joint inventor (if any) Emanuel I. Cooper

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Inventor's Signature  Date 11/6/03
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Post Office Address Same as above

Full name of sixth joint inventor (if any) Judith M. Rubino

Inventor's Signature _____ Date _____
Residence Address 11 Waterview Drive, Ossining, NY 10562
Citizenship USA
Post Office Address Same as above

Full name of seventh joint inventor (if any) Roger Y. Tsai

Inventor's Signature _____ Date _____
Residence Address 2773 Evergreen Street, Yorktown Heights, NY 10598
Citizenship USA
Post Office Address Same as above

Full name of eighth joint inventor (if any) _____

Inventor's Signature _____ Date _____
Residence Address _____
Citizenship _____
Post Office Address Same as above

Full name of ninth joint inventor (if any) _____

Inventor's Signature _____ Date _____
Residence Address _____
Citizenship _____
Post Office Address Same as above

Full name of tenth joint inventor (if any) _____

Inventor's Signature _____ Date _____
Residence Address _____
Citizenship _____
Post Office Address Same as above

Full name of eleventh joint inventor (if any) _____

Inventor's Signature _____ Date _____
Residence Address _____
Citizenship _____
Post Office Address Same as above
Residence Address _____
Citizenship _____
Post Office Address Same as above

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Cabral, et al. DOCKET NO: YOR920030287US1
(20140/00308)
SERIAL NO: TBA
FILING DATE: Herewith
FOR: Electroplated CoWP Composite Structures As Copper Barrier
Layers

APPOINTMENT OF ASSOCIATE ATTORNEY

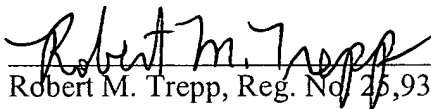
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The undersigned attorney, who has been appointed as an attorney in the Combined Declaration and Power of Attorney for the above-identified application, hereby appoints Burton A. Amernick, Reg. No. 24,852, of **Customer 30678**, Connolly Bove Lodge & Hutz, LLP, Suite 800, 1990 M Street, N.W., Washington, D.C. 20036-3425 telephone number (202) 331-7111, and his associate attorney, Joseph Barrera, Reg. 44, 522 to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request Mr. Amernick to insert the filing date and/or Application No. of said application.

Respectfully submitted,


Robert M. Trepp, Reg. No. 25,933
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Yorktown Heights, NY 10598
Telephone: 914-945-3147
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